REMARKS

Claims 1-18 are pending in the application.

Claims 1, 2 and 17 stand rejected.

Claims 3 & 13 have been amended to independent form.

Claim 1 has been amended to clarify applicant's claimed invention. No new matter is entered.

In claim 1 a clarification is made to "said implementation of connection between terminals is path-sequence of working lines or protection lines of a signal which is added until the signal is dropped and said implementation of connection between terminals is prescribed by cross-connects which are through, drop-and-continue and service selector."

Amended claim 1 clarifies that the transmission apparatus can automatically make a squelch table in implementation of connection such that ring interconnection shown by drop-and-continue method section 3.7.1 of GR-1230 or by dual-transmit method 3.7.2 of GR-1230, and that the amended claim 1 can provide a transmission apparatus which does not miss-connect in any implementation of connection.

The implementation of connection between terminals contains not only cross-connects disclosed in Table 3-2 of GR-1230 but also cross-connects of all of nodes in networks figured in section 3.7.1 and 3.7.2 of GR-1230.

Claim Rejections

Claims 1, 2, and 17 are rejected under 35 U.S.C.§103(a) as unpatentable over Neuendoff in view of Mitsuki.

It is respectfully submitted that applicant's claim 1 includes features not taught or suggested in the combination of references. Claim 1 includes features where a connection

implemented between terminals is not fixed, but a variety of connection implementations are available.

A connection implementation between terminals is a path-sequence of working lines or protection lines of a signal which is added until the signal is dropped. Also a connection implementation between terminals is prescribed by cross-connects which are through, drop-and-continue and service selector.

Neuendoroff ('696) discloses a transmission apparatus which passes various signal formats such that DS1, DS3 and STS-1, and makes a path corresponded to each signal format according to registered signal formats when a signal which is to be saved is passed protection channel in switching BLSR Ring.

Mitsuki (JP 09-093278) discloses a transmission apparatus which automatically makes a squelch table and inserts AIS-P according to the squelch table in a switching Ring. But Mitsuki's transmission apparatus supports only Add/Drop and secondary circuit on working of Table 3-2 in GR-1230 and does not support other implementations of connection of claim 1.

Both of Neuendorff and Mitsuki fail to disclose the features of claim 1, "addition of a signal to both said working line and said protection line, dropping of a signal from both said working line and said protection line, and dropping of a signal from either said working line or said protection line and then relaying said sign to either said working line or said protection line" and "said implementation of connection between terminals is path-sequence of working lines or protection lines of a signal which is added until the signal is dropped and said implementation of connection between terminals is prescribed by cross-connects which are through, drop-and-continue and service selector

The features of applicant's claim 1 determine a connection implementation from a variety of connection implementations.

For at least the foregoing reasons it is respectfully requested the rejections be withdrawn because the combination of Neuendorff in view of Mitsuki would not render claim 1 obvious.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is invited to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

Brian S. Myers
Reg. No. 46,947

CUSTOMER NUMBER 026304
Telephone: (212) 940-8703
Fax: (212) 940-8986 or 8987
Docket No.: 100794-11566 (FUJM 18.307)
BSM:fd

84048578_1